

**DETAILED ACTION**

***Examiner Amendments***

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Applicant's representative Kamran Emdadi on 6/17/2009.
3. The application has been amended as follows:

In the claims:

- Cancel claims 76-78.

***Allowable Subject Matter***

4. Claims 38-75 are allowed.
5. The following is an examiner's statement of reasons for allowance.
  - The prior art fails to teach an apparatus of Claims 38, 52, 55, 57, 71, 74 and 75 that specifically comprises the following:
    - The instant application is deemed to be directed to a non-obvious improvement over the admitted prior art of the instant application and the invention patented in Pat. No. US 6,782,036, US 6,304,618, US 2002/0132600 and WO 0052845. The improvement comprises:

With regard claims 38, 52, 55 and 75, "wherein said processor is configured, for each already determined estimate of at least one of the estimate of the first one of said signals and the estimate of the second one of said signals, to extend each of the at least one already determined estimate with a plurality of potential values, wherein said estimate of said second one of said signals takes into account the estimate of the first signal and the estimate of the first signal is modified in dependence on the estimate of the second signal." as recited in combination with other limitation as claimed in claims 38, 52, 55 and 75, respectively,

With regard claims 57, 71 and 74, "extending each already determined estimate of at least one of the estimate of the first one of said signals and the estimate of the second one of said signals with a plurality of potential values, wherein said estimate of said second one of said signals takes into account the estimate of the first signal and the estimate of the first signal modified in dependence on the estimate of the second signal." as recited in combination with other limitation as claimed in claims 57, 71 and 74, respectively.

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ted M. Wang whose telephone number is (571) 272-3053. The examiner can normally be reached on M-F, 7:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Chieh Fan can be reached on 571-272-3042. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at (866) 217-9197 (toll-free).

/Ted M Wang/  
Primary Examiner, Art Unit 2611